## Volume contents

Volume 180 (1996)

Special Issue: Effects of RF Electromagnetic Radiation on Organisms. A Collection of Papers Presented at The International Conference on the Effect of Radio Frequency Electromagnetic Radiation on Organisms, Skrunda, Latvia, June 17–21, 1994.

Freiace	1
Epidemiological studies of radio-frequency radiation: current status and areas of concern J.R. Goldsmith (Israel)	3
Cancer morbidity in subjects occupationally exposed to high frequency (radiofrequency and microwave) electromagnetic radiation  S. Szmigielski (Poland)	9
The influence of 50-Hz magnetic fields on cytoplasmic Ca <sup>2+</sup> oscillations in human leukemia T-cells  J. Galvanovskis, J. Sandblom, B. Bergqvist, S. Galt, Y. Hamnerius (Sweden)	19
Experimental study of the effects of radiofrequency electromagnetic fields on animals with soft tissue wounds	
I. Detlavs, L. Dombrovska, A. Turauska, B. Shkirmante, L. Slutskii (Latvia)	35
Long-term exposure of young spruce and beech trees to 2450-MHz microwave radiation	
P. Schmutz, J. Siegenthaler, C. Stäger, D. Tarjan, J.B. Bucher (Switzerland)	43
Radio-frequency electromagnetic fields. The Skrunda Radio Location Station case	
G. Brumelis, V. Balodis, Z. Balode (Latvia)	49
Measurement of the intensity of electromagnetic radiation from the Skrunda radio location station, Latvia	
T. Kalninš, R. Križbergs, A. Romančuks (Latvia)	51
Does the Skrunda Radio Location Station diminish the radial growth of pine trees?	
V. Balodis, G. Brūmelis, K. Kalviškis, O. Nikodemus, D. Tjarve, V. Znotina (Latvia)	57
Response of Pinus sylvestris L. needles to electromagnetic fields. Cytological and ultrastructural aspects	
T. Selga, M. Selga (Latvia)	65
The effect of electromagnetic radiation from the Skrunda Radio Location Station on Spirodela polyrhiza (L.) Schleiden cultures	
I. Magone (Latvia)	75
Assessment of radio-frequency electromagnetic radiation by the micronucleus test in Bovine peripheral erythrocytes	
Z. Balode (Latvia)	81
Motor and psychological functions of school children living in the area of the Skrunda Radio Location Station in Latvia	
A.A. Kolodynski, V.V. Kolodynska (Latvia)	87

1	Arsenic burden among children in industrial areas of eastern Germany	
	M.J. Trepka, J. Heinrich, C. Schulz, C. Krause, M. Popescu, M. Wjst, HE. Wichmann (Germany)	95
-	Assessing the quality of biomonitoring via signal-to-noise ratio analysis	
	H.Th. Wolterbeek, P. Bode, T.G. Verburg (The Netherlands)	107
2	Trichloroacetic acid in conifer needles and arboreal lichens in forest environments	
	S. Juuti, Y. Norokorpi, T. Helle, J. Ruuskanen (Finland)	117
-	Speciation of trihalomethane mixtures for the Mississippi, Missouri, and Ohio Rivers	
	R.E. Rathbun (USA)	125
	Factors influencing phosphorus adsorption in mine soils in Galicia, Spain	
	C.M. Martínez, M.L. Fernández Marcos, E.A. Rodríguez (Spain)	137
	Solubility equilibria controlling solution phosphorus concentration in minesoils in Galicia, Spain	
	E.A. Rodríguez, M.L. Fernández Marcos, C.M. Martínez (Spain)	147
	Determination of the levels of Na, K, Ca, Mg, Fe, Zn and Cu in aerosols of the western Venezuelan savannah region	
	J.A. Morales, D. Pirela, J. Durán (Venezuele)	155
	Arsenic in subArctic lakes influenced by gold mine effluent: the occurrence of organoarsenicals and 'hidden' arsenic	
	D.A. Bright, M. Dodd, K.J. Reimer (Canada)	165
	Technical note	
	Estimating the total deposition of base cations from throughfall measurements	
	B. Reynolds (UK)	183
	Modelling the long-term changes in stream, soil and ground water chemistry for an acid moorland in the Welsh uplands:	
	the influence of variations in chemical weathering	
	M.C. Forti, C. Neal, A.J. Robson (Brazil; UK)	187
	Heterogeneous distribution of radionuclides, barium and strontium in phosphogypsum by-product	
	P.M. Rutherford, M.J. Dudas, J.M. Arocena (Canada)	201
	Blood lead levels in Taiwanese adults: distribution and influencing factors	
	SH. Liou, TN. Wu, HC. Chiang, GY. Yang, T. Yang, YQ. Wu, JS. Lai, ST. Ho, CC. Lee, YC. Ko,	
	KN. Ko, PY. Chang (ROC)	211
	The effect of pelleting of alfalfa hay on methane production and digestibility by steers	
	R. Hironaka, G.W. Mathison, B.K. Kerrigan, I. Vlach (Canada)	221
	Model-directed sampling in Chernobyl forests: general methodology and 1994 sampling program	
	W.R. Schell, I. Linkov, V. Rimkevich, O. Chistic, A. Lutsko, A.M. Dvornik, T.A. Zhuchenko (USA; Belarus)	229
	Trace metals in the marine bivaive Macome balthics in the Westerschelde estuary, The Netherlands. Part 3: Variability	
	of the role of cytosol in metal uptake by the clams	
	G. Bordin, J. McCourt, F.C. Raposo, A. Rodriguez (Belgium)	241
	Spatial variability and source identification of rural precipitation chemistry in France	
	H. Plaisance, P. Coddeville, R. Guillermo, I. Roussel (France)	25€
		*
	Author Index	271
	Subject Index	
	Volume Contents	000

